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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP56750_P050-HRP
Product Page	www.avivasysbio.com/prr5-antibody-c-terminal-region-hrp-arp56750-p050-hrp.html
Name	PRR5 Antibody - C-terminal region : HRP (ARP56750_P050-HRP)
Protein Size (# AA)	293 amino acids
Molecular Weight	32 kDa
Conjugation	HRP: Horseradish Peroxidase
NCBI Gene Id	55615
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	proline rich 5
Alias Symbols	PP610, PROTOR1, PROTOR-1, FLJ20185k
Peptide Sequence	Synthetic peptide located within the following region: SPAPHSGPCPSRLYPTTQPPEQGLDPTRSSLPSSPENLVDQILESVDSD
Product Format	Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.
Reference	Guo,D., (2005) Biochem. Biophys. Res. Commun. 337 (4), 1308-1318
Description of Target	This gene encodes a protein with a proline-rich domain. This gene is located in a region of chromosome 22 reported to contain a tumor suppressor gene that may be involved in breast and colorectal tumorigenesis. The protein is a component of the mammalian target of rapamycin complex 2 (mTORC2), and it regulates platelet-derived growth factor (PDGF) receptor beta expression and PDGF signaling to Akt and S6K1. Alternative splicing and the use of alternative promoters results in transcripts encoding different isoforms. Read-through transcripts from this gene into the downstream Rho GTPase activating protein 8 (ARHGAP8) gene also exist, which led to the original description of PRR5 and ARHGAP8 being a single gene.
Protein Interactions	MTOR; BRCA1; UBC; RICTOR; MAPKAP1; MLST8;
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for anti-PRR5 (ARP56750_P050-HRP) antibody
Blocking Peptide	For anti-PRR5 (ARP56750_P050-HRP) antibody is Catalog # AAP56750
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human PRR5
Uniprot ID	P85299-4
Protein Name	proline-rich protein 5
Protein Accession #	NP_056181
Purification	Affinity purified
Nucleotide Accession #	NM_001017528.2
Gene Symbol	PRR5
Predicted Species Reactivity	Human
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 91%; Horse: 86%; Human: 100%; Pig: 100%

Image 1



AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.

Optimal conditions of its use should be determined by end users.

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